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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

```
* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 18:46:43 ON 21 MAY 2008

=> file registry
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 18:47:00 ON 21 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   20 MAY 2008  HIGHEST RN 1021642-73-8
DICTIONARY FILE UPDATES:  20 MAY 2008  HIGHEST RN 1021642-73-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10-565048genA.str
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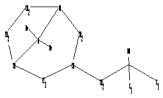
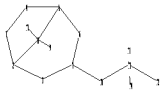




chain nodes :
9 10 11 12 13 14 17
ring nodes :
1 2 3 4 5 6 7 8
chain bonds :
7-10 8-9 8-17 10-11 11-12 11-13 11-14
ring bonds :
1-2 1-7 2-3 2-8 3-4 4-5 5-6 5-8 6-7
exact/norm bonds :
1-2 1-7 2-3 2-8 3-4 4-5 5-6 5-8 6-7 11-12 11-13 11-14
exact bonds :
7-10 8-9 8-17 10-11

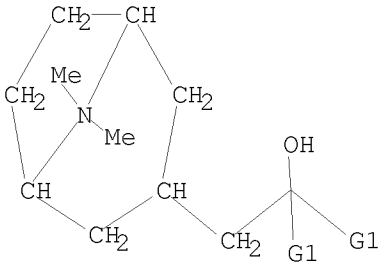
G1:Cb,Hy,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 17:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS

L1 STR



G1 Cb,Hy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
FULL SEARCH INITIATED 18:48:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 169 TO ITERATE

100.0% PROCESSED 169 ITERATIONS 70 ANSWERS
SEARCH TIME: 00.00.01

L2 70 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 178.82 179.03

FILE 'CAPLUS' ENTERED AT 18:48:28 ON 21 MAY 2008
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FILE COVERS 1907 - 21 May 2008 VOL 148 ISS 21
FILE LAST UPDATED: 20 May 2008 (20080520/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s l2
L3 7 L2

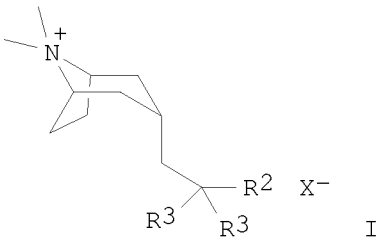
=> sl3 and acetylcholine
SL3 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

```
=> s l3 and acetylcholine
         78230 ACETYLCHOLINE
            73 ACETYLCHOLINES
         78251 ACETYLCHOLINE
                 (ACETYLCHOLINE OR ACETYLCHOLINES)
L4            3 L3 AND ACETYLCHOLINE

=> d l4 1-3 abs ibib hitstr
```

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
GI



I

AB Title compds. [I; R1, R2 = (substituted) Ph, thienyl, pyridyl, PhCH2, pyrimidinyl, thiazolyl, isothiazolyl, cycloalkyl, etc.; R3 = H, OH; X = physiol. acceptable anion], were prepared for treatment of chronic obstructive pulmonary disease, chronic bronchitis, asthma, chronic respiratory obstruction, pulmonary fibrosis, emphysema, and allergic rhinitis (no data). Thus, 2-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-1,1-bis(3-methyl-2-thienyl)ethanol (preparation given) was treated with MeBr in tert-Bu Me ether to give 61% (3-endo)-3-[2-hydroxy-2,2-bis(3-methyl-2-thienyl)ethyl]-8,8-dimethyl-8-azoniabicyclo[3.2.1]octane bromide.

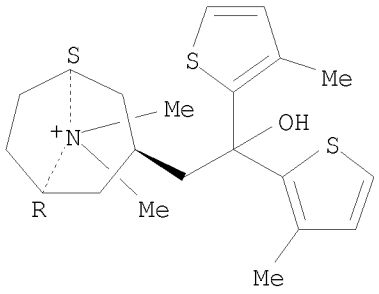
ACCESSION NUMBER: 2007:146107 CAPLUS
DOCUMENT NUMBER: 146:229203
TITLE: Preparation of azoniabicyclooctanes as M3 muscarinic acetylcholine receptor antagonists.
INVENTOR(S): Busch-Petersen, Jakob; Laine, Dramane Ibrahim; Palovich, Michael R.; Davis, Roderick S.; Fu, Wei; Xie, Haibo
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 42pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007016639	A2	20070208	WO 2006-US30153	20060802
WO 2007016639	A3	20070705		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,

US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRIORITY APPLN. INFO.: US 2005-704579P P 20050802
OTHER SOURCE(S): MARPAT 146:229203
IT 924646-68-4P 924646-70-8P 924646-72-0P
924646-74-2P 924646-76-4P 924646-78-6P
924655-67-4P 924655-70-9P 924655-72-1P
924655-73-2P 924655-75-4P 924655-77-6P
924655-78-7P 924655-80-1P 924655-81-2P
924655-82-3P 924655-83-4P 924655-84-5P
924655-85-6P 924655-89-0P 924655-90-3P
924655-91-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of azoniabicyclooctanes as M3 muscarinic acetylcholine receptor antagonists)
RN 924646-68-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(3-methyl-2-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

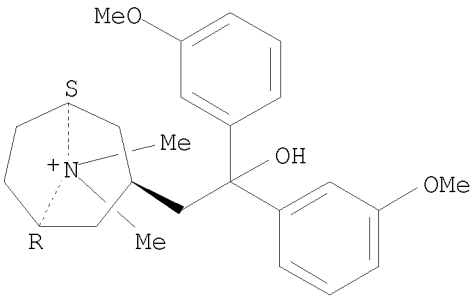
Relative stereochemistry.



● Br^-

RN 924646-70-8 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(3-methoxyphenyl)ethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

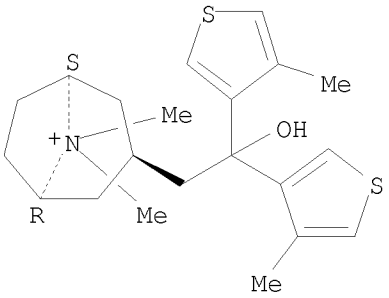
Relative stereochemistry.



● I^-

RN 924646-72-0 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(4-methyl-3-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

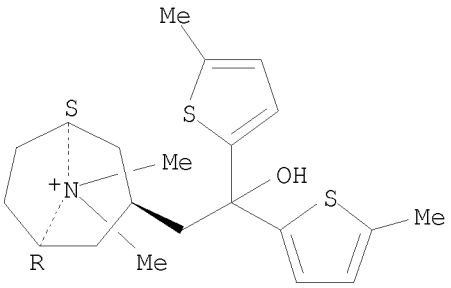
Relative stereochemistry.



● Br^-

RN 924646-74-2 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(5-methyl-2-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



● Br^-

RN 924646-76-4 CAPLUS
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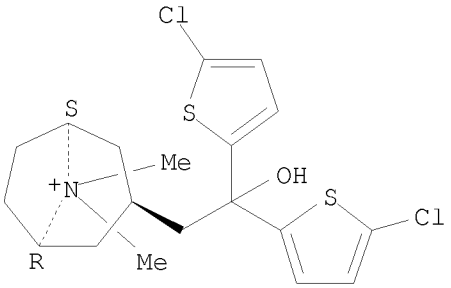
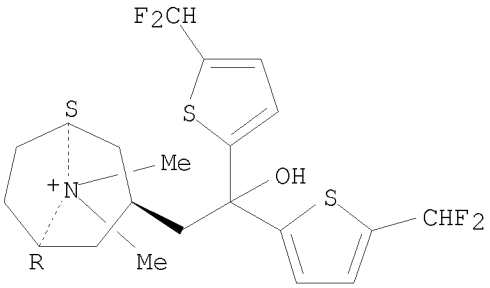
Relative stereochemistry.



● Br^-

RN 924646-78-6 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis[5-(difluoromethyl)-2-thienyl]-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

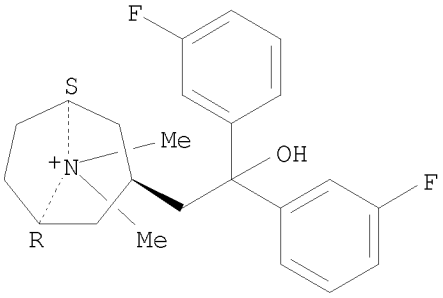
Relative stereochemistry.



● Br^-

RN 924655-67-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(3-fluorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

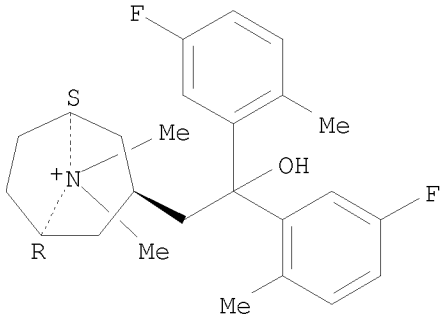
Relative stereochemistry.



● I^-

RN 924655-70-9 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(5-fluoro-2-methylphenyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

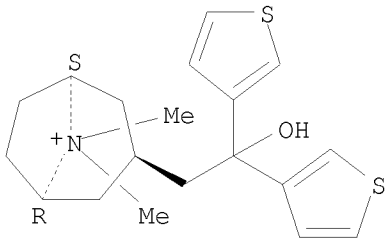
Relative stereochemistry.



● Br^-

RN 924655-72-1 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-hydroxy-2,2-di-3-thienylethyl)-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

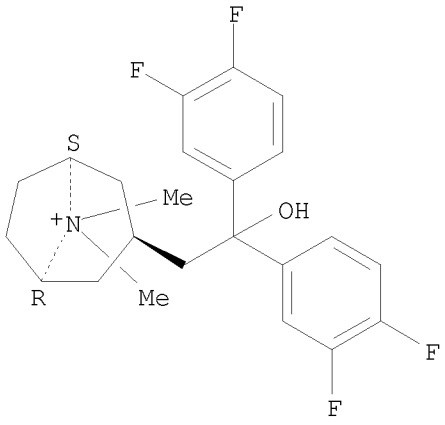
Relative stereochemistry.



● I^-

RN 924655-73-2 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(3,4-difluorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

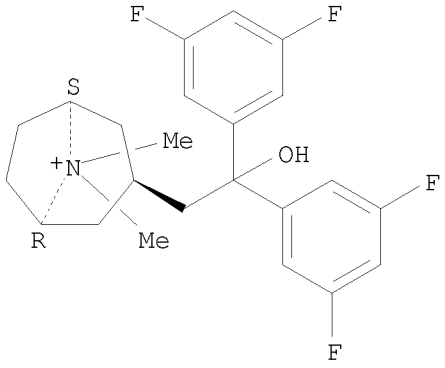
Relative stereochemistry.



● Br^-

RN 924655-75-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(3,5-difluorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

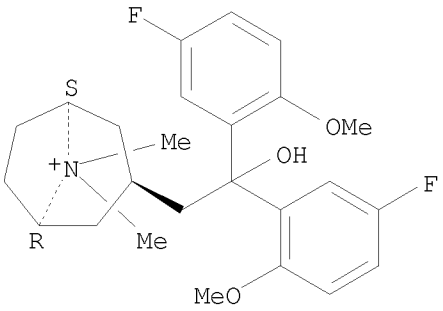
Relative stereochemistry.



● Br^-

RN 924655-77-6 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(5-fluoro-2-methoxyphenyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

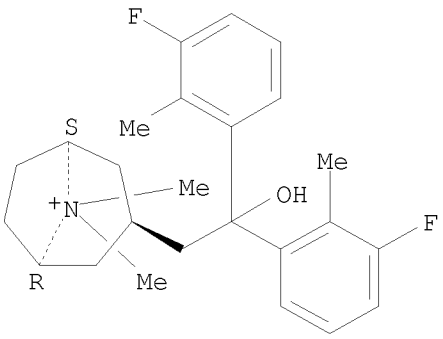
Relative stereochemistry.



● Br^-

RN 924655-78-7 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(3-fluoro-2-methylphenyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

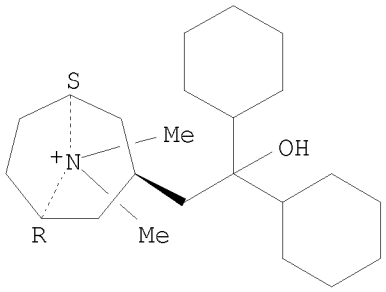
Relative stereochemistry.



● Br^-

RN 924655-80-1 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2,2-dicyclohexyl-2-hydroxyethyl)-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

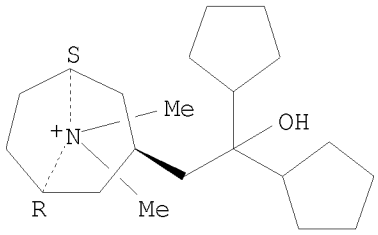
Relative stereochemistry.



● Br^-

RN 924655-81-2 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2,2-dicyclopentyl-2-hydroxyethyl)-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

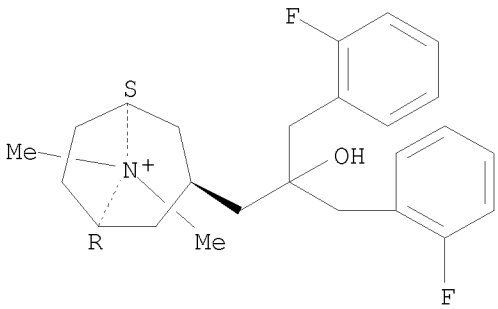
Relative stereochemistry.



● Br^-

RN 924655-82-3 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[3-(2-fluorophenyl)-2-[(2-fluorophenyl)methyl]-2-hydroxypropyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

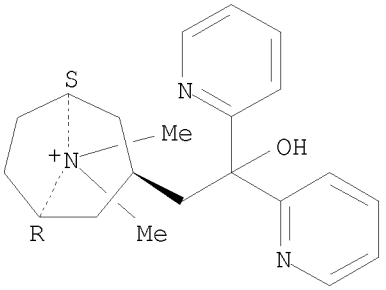
Relative stereochemistry.



● Br^-

RN 924655-83-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-hydroxy-2,2-di-2-pyridinylethyl)-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

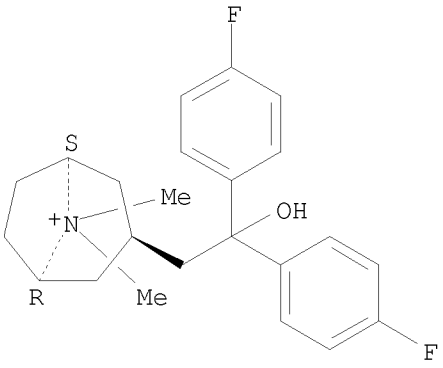
Relative stereochemistry.



● I^-

RN 924655-84-5 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(4-fluorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

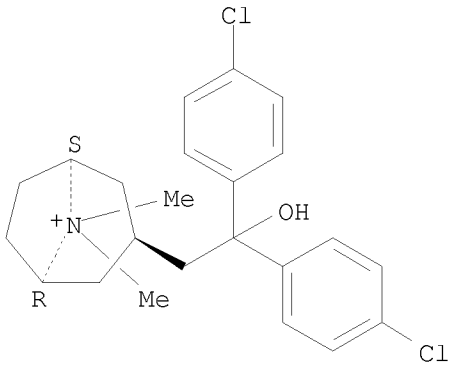
Relative stereochemistry.



● I^-

RN 924655-85-6 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(4-chlorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

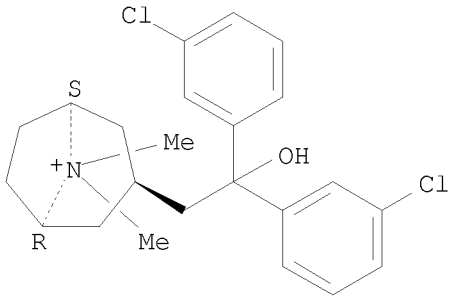
Relative stereochemistry.



● I^-

RN 924655-89-0 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(3-chlorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

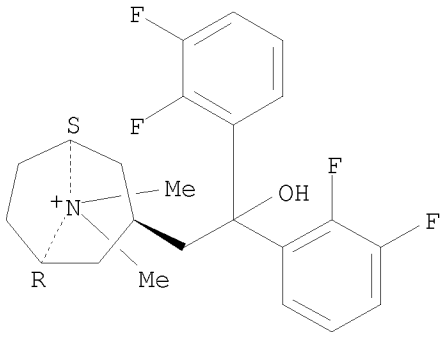
Relative stereochemistry.



● I^-

RN 924655-90-3 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(2,3-difluorophenyl)-2-hydroxyethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

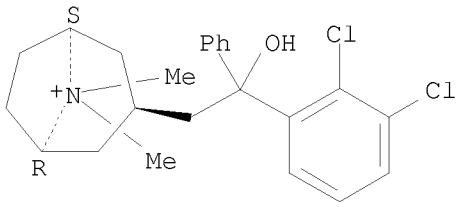
Relative stereochemistry.



● I^-

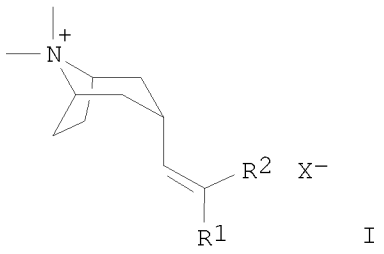
RN 924655-91-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-(2,3-dichlorophenyl)-2-hydroxy-2-phenylethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



● I^-

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
GI



I

AB Title compds. [I; R1, R2 = (substituted) Ph, thienyl, pyridyl, PhCH2, pyrimidinyl, thiazolyl, isothiazolyl, cycloalkyl, etc.; X = pharmaceutically acceptable counterion], were prepared for treatment of

COPD, chronic bronchitis, asthma, chronic respiratory obstruction, pulmonary fibrosis, emphysema, and allergic rhinitis (no data). Thus, (endo)-3-[2,2-bis(3-hydroxyphenyl)ethenyl]-8,8-dimethyl-8-azoniabicyclo[3.2.1]octane bromide was prepared from tri-Me phosphonoacetate, tropinone, MeI, and 3-methoxyphenylmagnesium bromide.

ACCESSION NUMBER: 2007:144089 CAPLUS
DOCUMENT NUMBER: 146:229182
TITLE: Preparation of 3-(arylethenyl)-8,8-dimethyl-8-azoniabicyclo[3.3.1]octanes as M3 muscarinic acetylcholine receptor antagonists.
INVENTOR(S): Busch-Petersen, Jakob; Laine, Dramane Ibrahim; Palovich, Michael R.; Davis, Roderick S.; Fu, Wei; Xie, Haibo
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 35pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

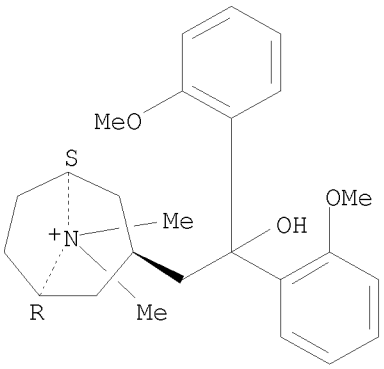
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007016650	A2	20070208	WO 2006-US30218	20060802
WO 2007016650	A3	20070531		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.: US 2005-704578P P 20050802
OTHER SOURCE(S): MARPAT 146:229182
IT 924646-91-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of arylethenyldimethylazoniabicyclooctanes as M3 muscarinic acetylcholine receptor antagonists)
RN 924646-91-3 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(2-methoxyphenyl)ethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

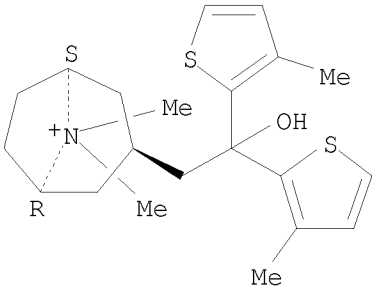
Relative stereochemistry.



● I^-

IT 924646-68-4P 924646-70-8P 924646-72-0P
924646-74-2P 924646-76-4P 924646-78-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of arylethenyldimethylazoniabicyclooctanes as M3 muscarinic acetylcholine receptor antagonists)
RN 924646-68-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(3-methyl-2-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

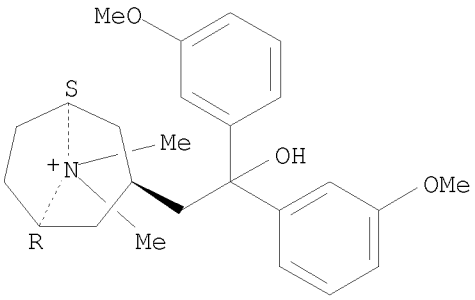
Relative stereochemistry.



● Br^-

RN 924646-70-8 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(3-methoxyphenyl)ethyl]-8,8-dimethyl-, iodide (1:1), (3-endo)- (CA INDEX NAME)

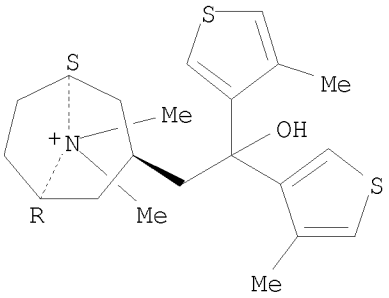
Relative stereochemistry.



● I^-

RN 924646-72-0 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(4-methyl-3-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

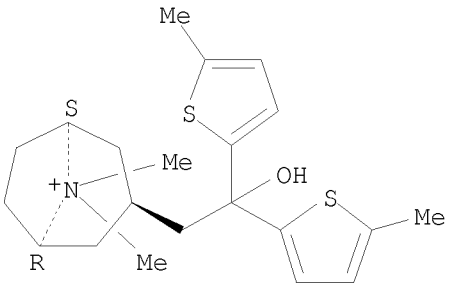
Relative stereochemistry.



● Br^-

RN 924646-74-2 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2,2-bis(5-methyl-2-thienyl)ethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

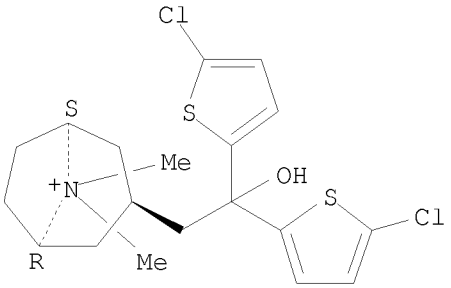
Relative stereochemistry.



● Br^-

RN 924646-76-4 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis(5-chloro-2-thienyl)-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



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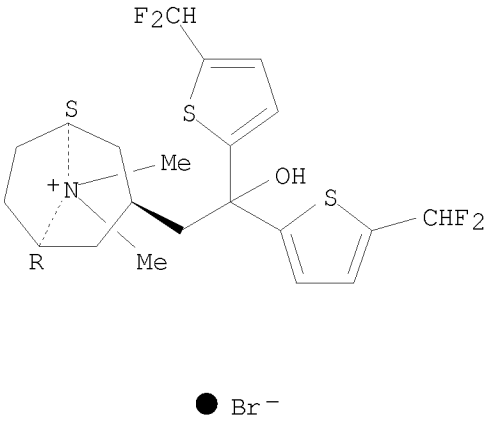
RN 924646-78-6 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2,2-bis[5-(difluoromethyl)-2-thienyl]-2-hydroxyethyl]-8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AB Muscarinic acetylcholine receptor antagonists, e.g., (3-endo)-3-(2-hydroxy-2,2-diphenylethyl)-8,8-dimethyl-8-azoniabicyclo[3.2.1]octane bromide and methods of using them are provided. In addition a pharmaceutical composition for the treatment of muscarinic acetylcholinereceptor-mediated diseases comprising the above compound is disclosed.

ACCESSION NUMBER: 2005:99316 CAPLUS
DOCUMENT NUMBER: 142:183475
TITLE: Muscarinic acetylcholine receptor antagonists
INVENTOR(S): Belmonte, Kristen E.; Busch-Petersen, Jakob; Laine, Dramane; Palovich, Michael R.
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005009362	A2	20050203	WO 2004-US23041	20040716
WO 2005009362	A3	20050407		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004259238	A1	20050203	AU 2004-259238	20040716
CA 2532433	A1	20050203	CA 2004-2532433	20040716
EP 1648461	A2	20060426	EP 2004-778509	20040716
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1822839	A	20060823	CN 2004-80020652	20040716
BR 2004012537	A	20060919	BR 2004-12537	20040716

JP 2007525478	T	20070906	JP 2006-520387		20040716
IN 2006DN00077	A	20070824	IN 2006-DN77		20060104
MX 2006PA00663	A	20060330	MX 2006-PA663		20060117
US 20060178396	A1	20060810	US 2006-565048		20060117
NO 2006000777	A	20060411	NO 2006-777		20060217
PRIORITY APPLN. INFO.:			US 2003-487982P	P	20030717
			WO 2004-US23041	W	20040716

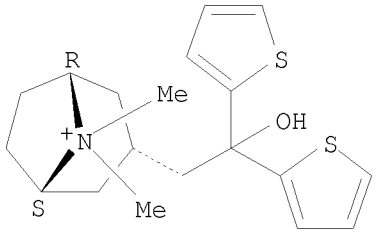
OTHER SOURCE(S): MARPAT 142:183475

IT 90114-71-9 102133-77-7 106655-98-5
106713-93-3 106954-22-7 834882-84-7
834882-85-8
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(muscarinic acetylcholine receptor antagonists)

RN 90114-71-9 CAPLUS

CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-hydroxy-2,2-di-2-thienylethyl)-8,8-dimethyl-, bromide, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

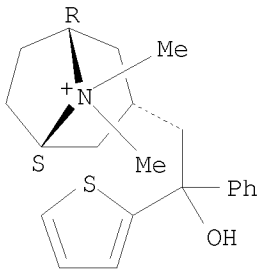


● Br^-

RN 102133-77-7 CAPLUS

CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2-phenyl-2-(2-thienyl)ethyl]-8,8-dimethyl-, bromide, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

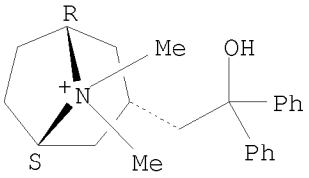


● Br^-

RN 106655-98-5 CAPLUS

CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-hydroxy-2,2-diphenylethyl)-8,8-dimethyl-, bromide, (3-endo)- (9CI) (CA INDEX NAME)

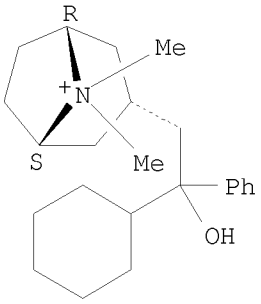
Relative stereochemistry.



● Br^-

RN 106713-93-3 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-cyclohexyl-2-hydroxy-2-phenylethyl)-8,8-dimethyl-, bromide, (3-endo)- (9CI) (CA INDEX NAME)

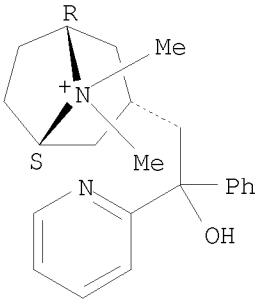
Relative stereochemistry.



● Br^-

RN 106954-22-7 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-[2-hydroxy-2-phenyl-2-(2-pyridinyl)ethyl]-8,8-dimethyl-, bromide, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

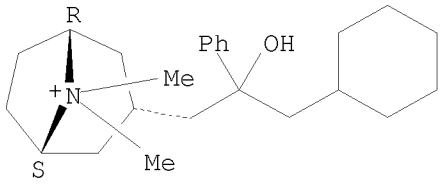


● Br^-

RN 834882-84-7 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(3-cyclohexyl-2-hydroxy-2-phenylpropyl)-

8,8-dimethyl-, bromide (1:1), (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

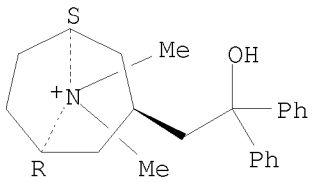


RN 834882-85-8 CAPLUS
CN 8-Azoniabicyclo[3.2.1]octane, 3-(2-hydroxy-2,2-diphenylethyl)-8,8-dimethyl-, (3-endo)-, salt with 4-methylbenzenesulfonic acid (1:1) (9CI) (CA INDEX NAME)

CM 1

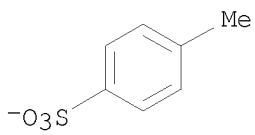
CRN 805224-99-1
CMF C23 H30 N O

Relative stereochemistry.



CM 2

CRN 16722-51-3
CMF C7 H7 O3 S



=> log off
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 18:50:45 ON 21 MAY 2008